

*Universal*

# *Chiropractic System*



# System Overview

## Perfect for Any Room

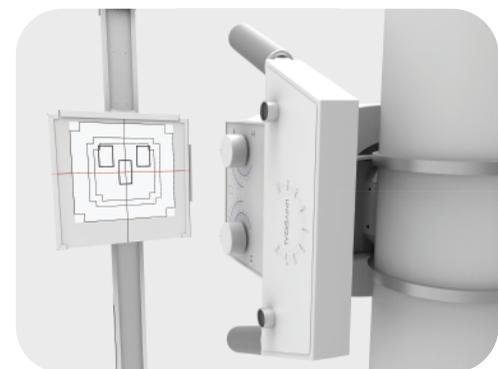
Both the wall stand and floor-wall/floor-ceiling tube stand feature extensive vertical travel, allowing for a full range of upright positions. The tube stand features electro-magnetic locks and an angulating tube arm for easy and accurate positioning.

The 140 kHu 1.0 mm x 2.0 mm focal spot tube ensures high resolution images. The standard 72" (183 cm) tracks allow for 40" (100 cm) and 72" (183 cm) detector distances.

## Affordable Efficiency, DR Ready

The Universal Chiropractic System is an affordable, cost effective flat-panel digital X-ray system that will instantly improve the efficiency of your practice. Digital radiography provides a clean and streamlined imaging process by eliminating the need for cassettes, film, chemistry, automatic film processor, darkroom, film storage, and monthly maintenance.

The Universal Chiropractic System is customizable with a variety of high frequency generator options. Complete generator integration is possible with all of our DR series generators



**VS100**  
Wall Stand

**VS300**  
Wall Stand

## Wall Stand Options

The VS100 and VS300 wall stands are a perfect choice for the Universal Chiropractic System due to their extensive vertical travel height, and electromagnetic locks for easy positioning.

Paired with the Universal Chiropractic System the VS300 and VS100 wall stand can assist in complete radiographic coverage from skull to weight bearing studies.

# DR Features

## High Quality Images, Reduced Patient Dose

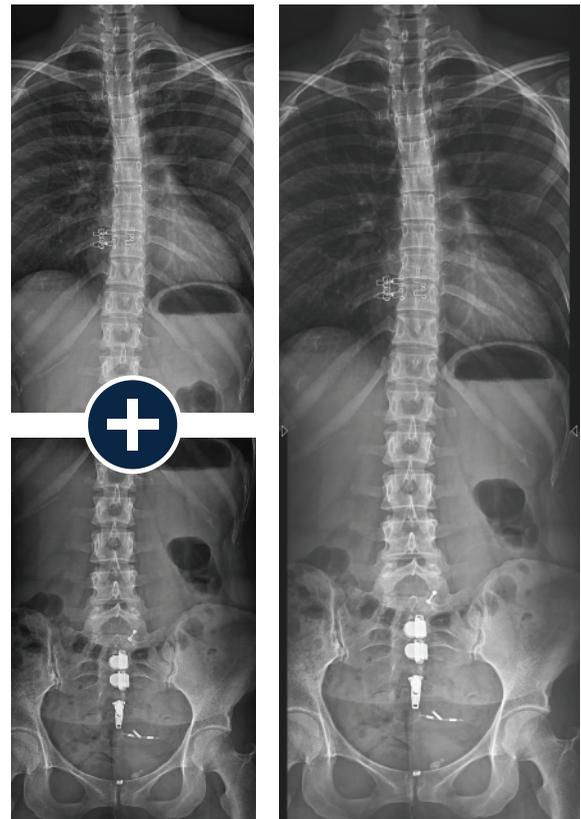
### DELWORKS

DELWORKS is a powerful image acquisition and processing software featuring a user-friendly interface that provides sophisticated and speedy medical imaging. Designed with complex system automation, DELWORKS aims to simplify the examination process by making the difficult decisions for you.

Its advanced anatomical programming and image processing algorithms help optimize technologist productivity. DELWORKS strives to minimize human error and unwanted repeat exams to give technologists the highest quality image at a lower dose, with every exposure.

### Software Features

- ▶ Pre-exposure display of patient and procedure information, X-ray generator exposure factors, status and control functions integrated in a single display screen
- ▶ Exam-specific image processing algorithms automatically optimize images based on selected patient anatomy
- ▶ Enhanced image processing parameters. APR specific default values and manual adjustment, if desired
- ▶ Image rotation in 90° steps, horizontal mirroring, automatic and manual image cropping to collimated area
- ▶ Easy verification and correction of image laterality and patient orientation



### Image Stitching

The optional image stitching application requires no unnecessary preprogramming or additional equipment, making full-length spine studies effortless and accurate.

- ▶ Intuitively add orientation markers and text comments directly to acquired images (pre-defined or free text)
- ▶ Detailed histograms of pixel density
- ▶ User selection of modified LUT (Look-Up Table) based on various exam types
- ▶ Manual adjustment of the LUT, window and level
- ▶ Effectively manage rejected images

# Technical Specifications

\* All specifications subject to change without notice

## K871 Tube Stand

Minimum vertical travel:	14.5" (37 cm)
Rails:	72" (183 cm) longitudinal floor and ceiling rail sets allow for 40" (102 cm) and 72" (183 cm) film distances
Maximum ceiling height:	114" (290 cm)
Minimum ceiling height:	94" (239 cm)
Tube rotation:	NA

## VS100 Wall Stand

Wall stand height:	86.8" (220 cm)
Receptor height:	23.4" (59.4 cm)
Vertical travel range:	58.4" (148.3")
Wall stand width (with receptor):	23.3" (59.7")
wall stand depth (with receptor):	13" (33 cm)
Maximum focal spot height:	72.4" (184 cm)
Minimum focal spot height:	14" (35.6 cm)
Weight:	285 lbs. (117 kg)
Power requirements:	24 VDC

## VS300 Wall Stand

Height:	84" (213.4 cm)
Depth:	13.4" (34 cm)
Receptor width:	24.6" (62.5 cm)
Receptor height:	26.5" (67.3 cm)
Weight:	200 lbs. (91 kg)
Power requirements:	24 VDC, 1.25 max. momentary amps

